GREEN BUSINESS STANDARDS CHECKLIST

FOR HOTELS AND RESORTS

Business Name	
Address	
City/State/Zip	
Contact name	Date
Telephone	
Fax Number	
Email	

When you have completed this checklist, return it to the DOH Waste Minimization Program or DBEDT Clean Hawaii Center. When the Program verifies that you meet the standards, your hotel will be certified and recognized as a Green Business.

DOH Waste Minimization Program 919 Ala Moana Blvd, Rm 212 Honolulu, HI 96814 DBEDT Clean Hawaii Center P.O. Box 2359 Honolulu, HI 96804

Call or email us with any questions at : Marlyn Aguilar

maguilar@eha.health.state.hi.us (808) 586-4226 Gail Suzuki-Jones
GSuzuki@dbedt.hawaii.gov
DBEDT (808) 587-3802

Green Business Standards Hotels and Motels

The Green Business Standards establish a level of performance for sustainable business practices.	To be
recognized as a Green Business, your facility must:	

- □ Comply with environmental regulations (mandatory for all businesses)
- □ Conserve energy & water
- Reduce solid waste
- □ Use Good Housekeeping & Operating Practices to prevent pollution.

General Standards for all Green Businesses

GS-1	М	Monitor, record and post rates of water and energy usage and solid and hazardous waste generation.
GS-2	A	Provide 3 on-going incentives or training opportunities to encourage management and employee participation in the Green Business Program. For example, incorporate Green Business into: Performance appraisals, job descriptions, training programs, employee orientations Staff meeting discussions Your employee reference materials Your company newsletter or bulletins
GS-3	AS	Inform your customers about your business' environmental efforts and what you are doing to meet the green business standards. For example: Post the Green Business logo, certification and pledge in a visible location. Post reminders listing steps you are taking to be a Green Business. Offer tours that highlight your Green Business successes Offer customers "green" service or amenities options
GS-4	A	Assist at least one other business in learning about becoming a Green Business. Encourage them to enroll in the Green Business Program. We will mentor

Tips for Using the Checklist:

1. Because hotels and motels, like most businesses, have departments with specialized functions and responsibilities, we have indicated by letter code the department for which each practice is most applicable. You'll find the letter code in in the third column. Thus:

A = administration **H** = housekeeping

F = food services, kitchen

P = purchasing

M = maintenance, engineering **S** = Sales, marketing

- 2. If certain items on the checklist are not applicable or do not make sense for your facility, just skip them and move on. Because there are many options for attaining certification, you need not be implementing every measure in order to be certified as a Green Hotel.
- 3. Use the checklist to determine whether you are already a Green Business and to become even "greener".

Commonly asked questions (and answers) about Green Business certification:

Q: Why should my business get certified as Green?

A:

- Saving energy, water and raw materials saves you money. Sending less trash to the landfill saves you
 money, too.
- Developing a positive, proactive relationship with local compliance inspectors can help you avoid liability, fines and other sanctions.
- The Program promotes Green Businesses to the public and other businesses (again, for free)!
- Your hotel's community image is enhanced through Green Business certification.
- Your employees will enjoy a safer workplace and will have one more reason to take pride in working for you.
- The Green Business Program offers you free, convenient, time-saving assistance.

Q: Do I get credit for the good things I'm already doing at my hotel?

A: Yes! As a matter of fact, your hotel may already qualify. The Standards are designed to fit most hotels and motels, but if certain measures are not applicable or not feasible for your facility, you may request an exemption or demonstrate alternative measures.

Q: Do I have to do everything on the checklist to become a Green Business?

A: No, there are many ways to qualify as a Green Business. To be certified, you must meet the minimum standards in each category. Beyond that, you may use the checklist to identify "next steps" to becoming even greener.

Q: How do I get started?

A: Read through the checklist and check all boxes that apply. Call Marlyn Aguilar or Gail Suzuki-Jones if you have any questions.

Q: Is there a fee to be certified as a Green Business?

A: No. Green Business certification is free!

This checklist has been provided by the Bay Area Green Business Program

Hotel & Motel - Solid Waste Reduction & Recycling Standards

	SW-1	A	Conduct a waste assessment. (Review annually to determine if additional measures can be implemented.) in addition, implement either Standard 2A or 2B through 5B
	SW- 2A	A	Demonstrate a 25% diversion of your annual solid waste stream. Also implement at least one "source reduction" measure, and purchase at least one recycled-content product, or Meet the requirements in the following four categories: 1. Paper Reduction Measures; 2. Solid Waste Reduction Methods; 3. Segregate, Reuse or Recycle Materials; and 4. Purchase Recycled/Reused Products. Paper Reduction Measures Reduce paper waste using at least five of the following measures.
]	2B	All P P P AP AP A A A All S All A	Group A Keep a stack of previously used paper near printers; use it for drafts or internal memos. Purchase a fax machine that uses plain (recyclable) paper. Use computer fax modems that allows faxing directly from computers without printing. Purchase/lease copiers and printers with double sided capacity (if current ones do not (duplex). Eliminate all mailings that are unwanted, including: A Duplicate mailings and magazine subscriptions by sending back mailing labels requesting all but one be removed A Remove your name/company from junk mail lists by writing to senders requesting removal from mailing. Write "refused" on first class mail and it will be returned to sender. You can get help by writing Mail Preference Service – Direct Marketing Association, PO Box 3861, NY, NY 10163-3861 A Purge your own mailing lists to eliminate duplication. Require double sided copying for reports. Set copier and printer defaults to double sided. Group B Develop report routing lists and minimize the number of employees who receive individual copies. Reuse envelopes: Cover up old addresses and postage, affix new. Use envelopes as both send and return envelopes. Replace memos with e-mail messages. Design marketing materials that require no envelope – simply fold and mail. Reduce office scrap paper (letters, faxes) by reusing as scratch paper. Set word processing defaults for smaller fonts and margins that minimize paper use without sacrificing legibility.

	SW-		Solid Waste Reduction Methods - Implement five of the following measure with at least three				
	3B		from Group A.				
			Group A				
		APH	☐ Switch to bulk-dispensed shampoo and other amenities in guest rooms.				
		PHF	☐ Select products with the least packaging and/or which have easily recyclable packaging.				
		AH	☐ Donate half-used amenity bottles to local shelters, nursing homes, and halfway houses.				
			☐ Procure grains in bulk (e.g., flour, salt) packaged in unlined kraft paper bags, which can be				
		All	recycled with your cardboard.				
		AM	☐ Designate space to make recycling easier. This space can be used to store all recyclables.				
		AF	☐ Install air hand dryers in staff washrooms or cloth roller towels instead of paper towels.				
		APF	☐ Donate excess food to shelters (covered under Good Samaritan law) and/or have an "employee use" policy for leftovers.				
		P	☐ Replace disposable flatware and tableware with reusable items.				
		P	☐ Arrange with suppliers to be ship orders in returnable/reusable containers.				
		PF	☐ Require chemical suppliers to take back empty buckets or drums.				
		PF	☐ Switch from individual condiment packets to refillable bottles. Refill from bulk.				
			☐ Use cloth napkins instead of paper in the dining areas.				
		D					
		P	Group B				
		AH P	☐ Work with vendors to minimize product packaging, use recyclable or reusable packaging and take-back packaging.				
		PF	☐ Donate old uniforms and linens to shelters or nonprofits.				
		PF	☐ Change amenity programs so that rarely used items are supplied only upon request.				
		11	☐ Eliminate inner-pack dividers in shipping containers for miscellaneous supplies.				
		APH	☐ Require corrugated cardboard boxes instead of waxed cardboard for produce.				
		APF	☐ Replace:				
		AP	♦ In-room plastic cups with glass cups;				
			◆ Cocktail napkins with reusable coasters; and				
		Н	♦ Styrofoam cups in the coffee machine area with reusable cups.				
		APH	☐ Reduce number of garbage bag liners used.				
		PF	☐ Replace wire/plastic hangers with permanent hanger to lower theft and replacement costs.				
			☐ Purchase reusable hats for kitchen employees instead of single use disposable paper ones				
	SW-		Segregate, Reuse or Recycle Materials - Implement five of the following measures with at				
_	4B		least two from Group A.				
			Group A				
			Implement a hotel-wide recovery and recycling program: (Each category of material listed here				
		All	is considered one measure.)				
		AII	Fiber (at least one of these types of fiber) -				
			Cardboard (corrugated cardboard boxes) Mined Parent (includes includes inc				
			 Mixed Paper – (includes junk mail, scrap paper, colored paper) 				
			Newspapers Office paper (computer paper copier paper white ledger)				
		P	 ◆ Office paper – (computer paper, copier paper, white ledger) □ Wood - pallets, wood from remodeling activities 				
		FH	1 ,				
		M	 □ Food and Beverage Containers (Glass, Metal and Plastic) □ Scrap Metal - from remodeling activities 				
		Н	☐ Scrap Metal - from remodeling activities ☐ Plastics – water bottles from guest rooms, condiment containers, packaging materials and				
			non-deposit containers.				
		М	Group B				
		M A	☐ Do "grasscycling". Rather than throw away, leave grass clipping on the ground.				
		A	Use shredded paper for packaging needs instead of purchasing styrofoam pellets, bubble				
		P	— 550 shreaded paper for packaging needs instead of parendsing styrorodin periods, buttone				
		H	wrap, other packaging materials.				
		11	Send used toner cartridges back to the manufacturer for recycling or refilling.				

		☐ Use stained or old guest towels and washcloths as rags.
	FM PH PF	Group B (continued) ☐ Compost or recycle pre-consumer vegetable/fruit trimmings. ☐ Require laundry service to use reusable bags to transport dirty and clean linen. ☐ Use refillable containers for sugar, salt and pepper, and any other condiments used
SW- 5B	PMP PMPMPPPP	Purchase Recycled/Reused Products - Implement three of the following measures with at least two from Group A. Group A Implement procurement guidelines for purchase and use of products with recycled content. These products include but are not limited to: A Pencils/rulers and other desk accessories A Recycling containers A Refuse pails and bags (recycled HDPE trash liner bags instead of ones made of LDPE or LLDPE) A Rubber hoses made from tires A Toilet seat covers (public bathrooms) A Take-out containers − paperboard and plastics (#1 and #2, not #6 and #7) Purchase mulch, soil amendments and compost made of plant trimmings, or green waste. Purchase toilet tissue, facial tissue and paper towels and office paper with recycled content Purchase recycled content construction materials when building/remodeling (such as plastic lumber for decking, benches and railing, carpet, carpet padding, etc). Group B Purchase recycled oil and/or antifreeze for fleet vehicles. Use rechargeable batteries for TV remotes, beepers, etc . Use recyclable laser and copier toner cartridges. Purchase re-treaded tires for your fleet vehicles.
		Our hotel is also reducing solid waste as follows:

Hotel & Motel - Energy Conservation Standards

ECS-	AM	Have a commercial energy assessment of your facility done. (Review annually to determine if additional measures can be implemented.)
ECS-2	M	Perform regularly scheduled maintenance on your heating, ventilation and air conditioning (HVAC) system. • Clean permanent filters with mild detergents every two months (change replaceable filters every 2 months). • Check entire system each year for coolant and air leaks, clogs, and obstructions of air intake and vents. (in addition, implement either Standard 3A or 3B, next page)
ECS- 3A	AM	Demonstrate a 15% reduction of your annual energy use through any measure or combination of measures, <u>or</u>
		Meet the requirements in the following two categories (at least seven measures): 1. Alternative Technology – meet at least two requirements and up to seven 2. Behavioral Changes - supplement alternative technology requirements from this category.
ECS- 3B		Alternative Technology - Implement at least two measures. At least one measure must be from Group A.
	M M APM APM PM AM PH P	Group A ☐ Install sensors on vending and ice machines and place machines in shaded areas. ☐ Install programmable on/off timers and sensors for low occupancy areas. ☐ Retrofit incandescent bulbs with halogen par lamps, compact fluorescent, low voltage track lighting. ☐ Assess 24-hour lighting, upgrade fluorescent lighting with T-8 lamps with electronic ballasts (T-8 systems consume up to 40% less energy than conventional T-12 systems). ☐ Retrofit exit signs with LED or fluorescent bulbs. ☐ Install occupancy sensors to control light/AC/heat and TV, or ☐ Install energy efficient washers and dryers. ☐ Select electrical equipment with energy saving features such as Energy Star products. ☐ Install and use computer hardware programs that save energy by automatically turning off Idle monitors and printers.
	MH M MF MF MF MH	Group B ☐ Install a booster heater for dishwashers and laundry equipment. ☐ Plant native shrubs or trees near windows for shade. ☐ Install open-door buzzers on walk-in refrigerators. ☐ Install plastic air curtains and air blowers over walk-in refrigerator doors. ☐ Install timers on hood fans, exhaust systems, and hood lights. ☐ Install dryer dampness sensors.
	M M MH A AHM AHM	Behavioral Changes - To supplement alternative technology changes, implement as many measures as needed to total seven energy saving measures. Most of your measures must be from Group A. Group A Insulate all major hot water pipes and storage tanks. Use weather stripping to close air gaps around doors and windows. Clean fixtures, bulbs, ceilings, walls and windows (dirt can reduce efficiency by 50%). Use light switch reminders to remind guest and staff to turn off lights. Set thermostat to 78 for cooling, 68 for heating in unoccupied rooms. During low occupancy periods, group guests in relation to mechanical and electrical

AH	systems. (Saves energy in unused areas.)
	☐ Plug equipment and appliances into a time switch to ensure they are off after hours.
M	☐ Institute a policy that all electronic devices and lighting be turned off in non-occupied rooms).
	Group B
M M	☐ Drain and flush hot water tanks every 6 months to prevent scale build up and deposits This can reduce heating efficiency).
F	☐ Set hot water heaters to standard 125-130 degrees.
M	☐ Turn cooling units off when the weather is cooler.
H	☐ Reduce dishwasher hot water temperature to lowest temperature allowed by health regulations.
FM	☐ Operate dishwashers only when fully loaded.
Н	☐ Keep evaporator coils free of excessive frost.
Н	☐ Keep condenser coils free of dust and lint.
	☐ Check pilot lights for proper adjustment.
	☐ In summer, close guest room blinds and curtains to block sunlight and keep room cooler.
	☐ Clean lint filters after every drying load.
	Our hotel is also saving energy as follows:

Hotel & Motel - Water Conservation Standards

WCS-	AM	Conduct a professional water assessment or have one done by your water supplier. (Review annually to determine if additional measures can be implemented.)
WCS-2	AMF H	 Complete all of the following water conservation measures applicable to your business: Learn how to read your water meter. Understand water bill and monitor monthly for early indications of problems. Place signs or put bibs on faucets reminding employees and customers to conserve water Use water saving strategies for cleaning and document these policies. Check water system and toilet tanks for leaks (Put drops of food coloring into toilet tank; if color leaks into bowl check seal for leak, indicates flapper valve is defective) If Irrigation System is in place: A Adjust for proper coverage. Check sprinklers regularly to be sure the lawn is being watered and not the sidewalk or parking spaces. Calibrate sprinklers to achieve even water distribution. A Repair all defective lines and sprinkler heads. A Alter irrigation times and durations with the seasons. Water during early morning hours to decrease water loss from evaporation in addition, implement either Standard 3A or 3B
WCS-	S	Demonstrate a 15% reduction of your annual water use through any measure or combination of measures, <u>or</u> Meet the following requirements:
WCS-3B	AMP AMP AMP AH AHP AP MP AM H F M M	Water Conservation Practices: Implement at least three measures from Group A, or two from Group A and 2 from Group B. Group A ☐ Install low flow aerators (80 psi) - 1.5 gpm for sink faucets (2.2 gpm is OK for kitchen) ☐ Install low flow showerheads 2.5 gpm or less (80 psi) ☐ Install ultra low flow toilets - 1.6 gallons per flush max (rebates available in some areas) ☐ Install quick closing toilet valves. ☐ Install water efficient washers. ☐ Replace water-cooled equipment with air-cooled equipment. ☐ Install plastic toilet dams, or plastic bags, to reduce water use in non-ultra low flow toilets. ☐ If local rules allow, install a greywater system to deliver reusable water for cooling, washing, and watering landscapes. Group B ☐ Reduce water levels in washing machines. ☐ Soak dirty pots and pans verses cleaning with running water. ☐ Use soaker hoses (made from recycled rubber) to deliver water directly to plant roots. ☐ Landscape with drought resistant plants. ☐ Implement a water conservation policy for food servers. Our hotel is also saving water as follows: ☐ Our hotel is also savi

Hotel & Motel - Pollution Prevention Standards

PP-1	All	 Conduct an assessment of your facility to identify pollution prevention opportunities. (Review annually to determine if additional measures can be implemented.) Obtain Material Safety Data Sheets (MSDS) for all cleaning products, building maintenance materials, pesticides, fertilizers, and laundry products you use. Identify harmful products and look for safer alternatives. Survey each department of your hotel and identify actual and potential sources of pollution. Catalog your findings and establish a plan to prevent pollution in these areas. in addition, implement either Standard 2A or 2B-6B
PP- 2A	All	Demonstrate a 25% reduction of your annual pollutant releases (hazardous waste generation, industrial discharges, and air emissions), and at least 1 measure from the Vehicle Emission category below; or (See page listing vehicle emissions measures) Meet the requirements in the following five categories: 1. Good Housekeeping and Operating Procedures; 2. Material, Product, Technology or Process Changes; 3. Reuse or Recycle Hazardous Materials or Waste; 4. Prevent Contamination of Storm Water and Runoff; and 5. Reduce Vehicle Emissions
PP- 2B	P MHF MHF M M MF MF F	At least two measures must be from Group A Group A Restrict the use of any harmful products by: ✓ Purchasing them in small quantities; and ✓ Limiting access to authorized personnel. Reduce or eliminate the use of chemical pesticides. ⑥ Use biologic controls ⑥ Use traps and barriers ⑥ Use less toxic pesticides such as soaps, oils, and microbials ⑥ Change planting, irrigation or cultivating procedures ⑥ Use pest resistant plants ⑥ Correct situations that attract and harbor pests ⑥ Find out more about Integrated Pest Management □ Locate all hazardous materials storage and waste away from storm drains. To capture spills, install secondary containment or berms around areas where liquids are stored or transferred □ Develop a composting program for waste plant material. Group B □ Keep dumpster areas and loading docks free of litter. □ Cover dumpsters to keep water out of the garbage. □ Minimize kitchen grease from washing down sewer drains by scraping grease from trays, grills, and pans into the waste grease can. □ Place baskets in drains to catch solids that can be composted.

PP- 3B		Material, Product, Technology or Process Changes - Implement at least three of the following measures. At least two of the measures must be from Group A.
		Group A
	PMH AP M AP AP AP APM APM APM APM APM APM	Review your pollution prevention assessment and replace harmful products with safer alternatives for cleaning products, paints, pesticides and solvents. Establish a list of acceptable products. List specific product placements below. Cleaning products
PP- 4B		<u>Reuse/Recycle Hazardous Materials/Waste</u> - Implement at least three of the following measures:
	AM PM AM	 Donate leftover paint to local anti-graffiti program or paint exchange program. Recycle toner cartridges for copiers and printers Dispose of non-alkaline batteries at local small quantity generator facility or through
	APM	NICAD battery recycling program.
	M	 Send spent fluorescent tubes to a mercury recycling company Recycle your used motor oil

	PP-		Storm Water Runoff Contamination Prevention - Implement at least three of the following
_	5B		measures. At least one measure must be from Group A.
			Group A
		M	☐ Install a catch basin filter in your parking lot storm drains.
		M	☐ Clean private catch basins once each year, before the first rain
		MF	Do not clean equipment, tools, vehicles or floor mats where water may flow into street, gutter, storm drain or creek.
		3.6	Group B
		M	☐ Label all storm water inlets to prevent dumping.
		MP	Post signs at trouble spots (e.g., loading docks, dumpster areas, outside hoses) describing proper practices.
		AM	Use landscaping to minimize erosion problems, <i>especially</i> during construction
		AM	or remodeling.
			During construction, confine, contain and properly dispose of construction and demolition
		M	to protect storm drains, workers and the public.
			Locate all hazardous materials and waste storage away from storm drains.
	PP-		Install containment or berms around liquid storage and transfer areas to capture spills. Pollution Prevention from Vehicle Emissions - Implement at least three of the following
	6B		measures to encourage your employees to use commute alternatives and to minimize trips
	OD		related to your operations
		A	☐ Make information (transit schedules, commuter ride sign-up sheets, etc.) available to
		11	employees.
		A	Offer lockers and showers for employees who walk, jog, or bicycle to work.
		A	Offer employee incentives for car pooling or using mass transit, such as a guaranteed ride
			home if needed.
		AM	Set aside car pool/van pool parking spaces.
		AP	Arrange for van transportation between your facility and remote events.
		AM AM	Offer electric vehicle recharge ports for visitors and employees using electric vehicles.
		A	Convert company vehicles to natural gas, alternative fuels, or electricity.
		Λ	Provide information on van pool or mass transit services to and from the airport and other
		All	transportation centers.
			Link your trips to accomplish all errands for your hotel in one outing.
			Our hotel also prevents pollution as follows:

Return completed checklists to:

DOH Waste Minimization Program 919 Ala Moana Blvd, Rm 212 Honolulu, HI 96814 DBEDT Strategic Industries Div. P.O. Box 2359 Honolulu, HI 96804

Call or email us with any questions at:

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